



**486SL
Series
SINGLEMODE**

**Panasonic PS Data System –
Two RS-485-2 Wire Channels**

FEATURES:

- ◆ Two RS485 Channels - 2 Wire Interfaces
- ◆ Switch Selectable Terminations
- ◆ DC to 115 Kb/s
- ◆ Activity Indicators for Data Tx and Rx for each Channel
- ◆ Only One Fiber Required
- ◆ Hot Swappable

SPECIFICATIONS:

RS485:

Data Rate: DC to 115 Kb/s
Connector RJ-12

OPTICAL:

Wavelength:..... 1310/1550 nm
Source: Laser
Loss Budget (9/125 u)..... >21 dB
Connector: FC

POWER:

Voltage 12 VDC
Current < 350mA
Connector..... 2 Pin Terminal Block

Power Supply:

Module 12VDC (AFI Part #: PS-12)
Rack Card (AFI Part #: SR-20/2)

PHYSICAL:

Temperature..... -20 to 70 °C
Humidity 5 to 95 %

Size:

Module 4¼" x 4¼" x 1⅛"
Rack Card - One Slot 6½" x 5" x 1"



The American Fibertek 486 Series transmits and receives two channels of RS485-2 Wire data over a single singlemode optical fiber. The system is comprised of transceivers forming a point-to-point or multi-point communications link.

The system is designed to be compatible with the Panasonic PS Data protocol including the RJ-12 interface.

For ease of installation, diagnostic indicators provide a quick visual indication of system status.

Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20/1, SR-20/2 or SR-20R/1.

ORDERING INFORMATION:

- MTX-486SL = One Fiber Module Singlemode FC Connectors 1310nm Tx
- MRX-486SL = One Fiber Module Singlemode FC Connectors 1550nm Tx
- RTX-486SL = One Fiber Rack Card Singlemode FC Connectors 1310nm Tx
- RRX-486SL = One Fiber Rack Card Singlemode FC Connectors 1550nm Tx